Title: Mixing Apparatus With Recording/Reproducing
Inventor: Akito KOHNO
Application No.: Not yet assigned
Docket No.: 393032027100

FIG. 1

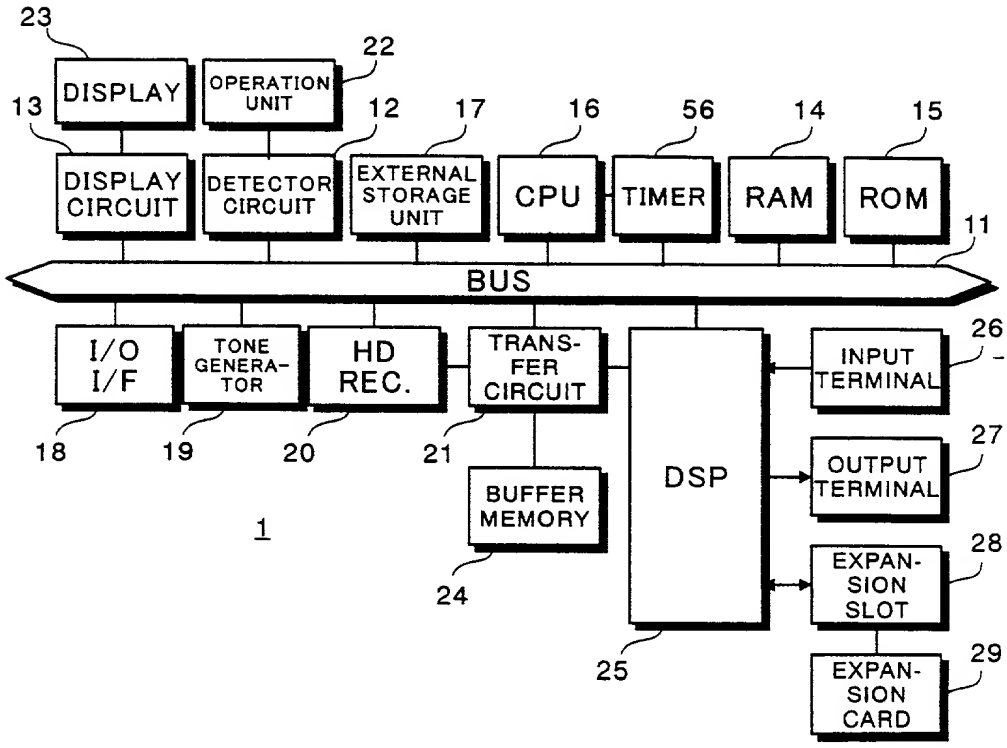


FIG. 2

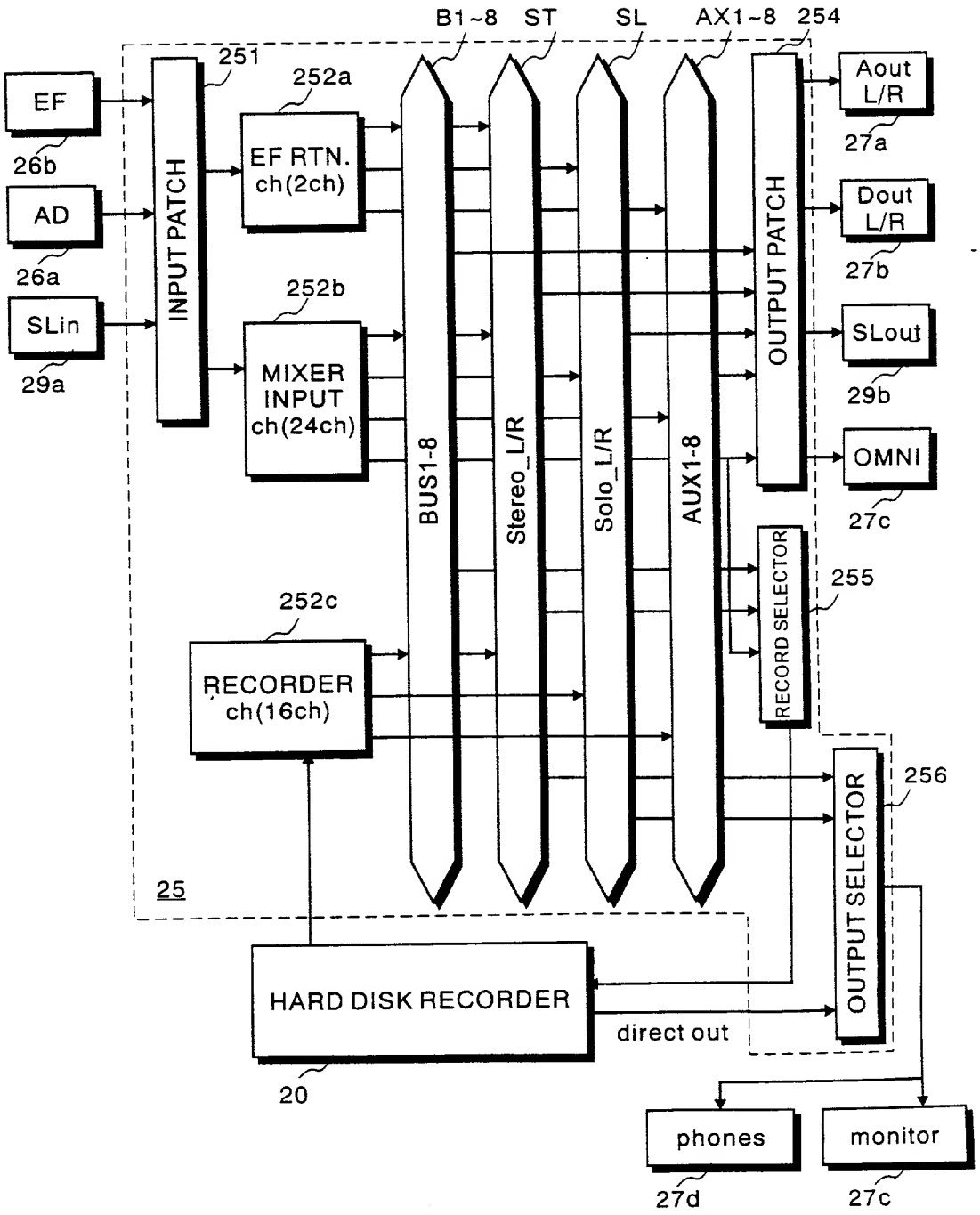

B1~8
ST
SL
AX1~8
254
251
252a
252b
252c
EF
26b
AD
26a
SLin
29a
INPUT PATCH
EF RTN.
ch(2ch)
MIXER
INPUT
ch(24ch)
RECORDER
ch(16ch)
BUS1-8
Stereo_L/R
Solo_L/R
AUX1-8
OUTPUT PATCH
RECORD SELECTOR
255
256
OUTPUT SELECTOR
Aout
L/R
27a
Dout
L/R
27b
SLout
29b
OMNI
27c
25
HARD DISK RECORDER
20
direct out
phones
27d
monitor
27c

FIG. 3

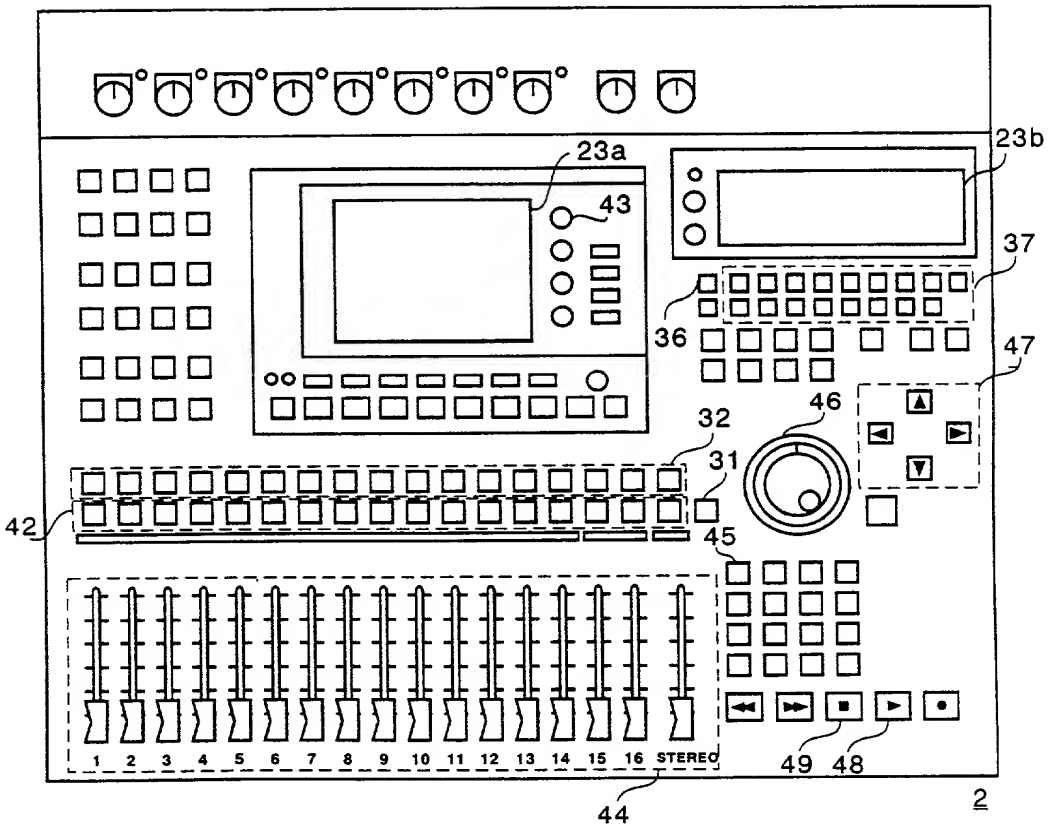

23a
23b
43
37
36
47
46
32
31
42
45
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 STEREO
49
48
44
2

FIG. 4

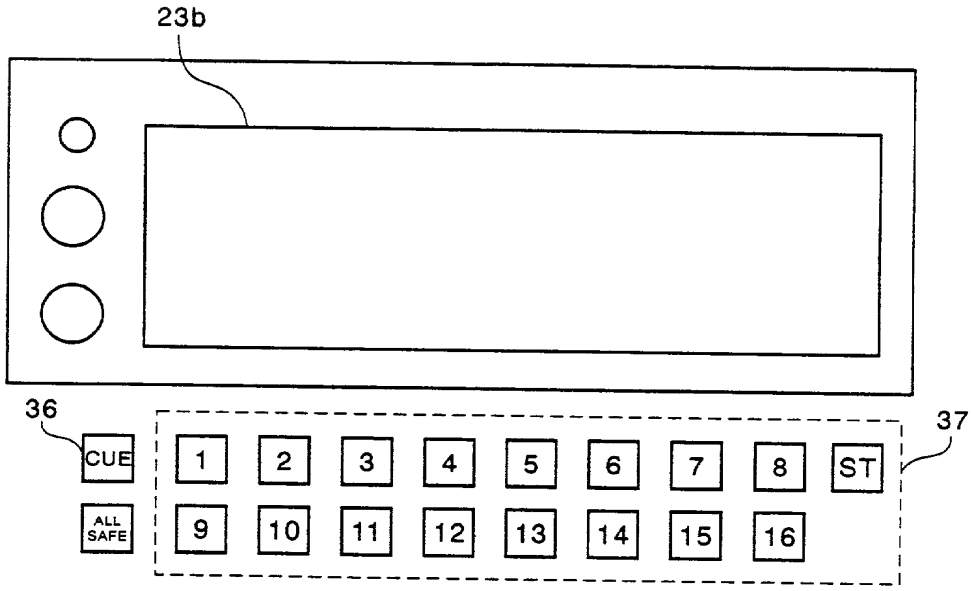


FIG. 5A

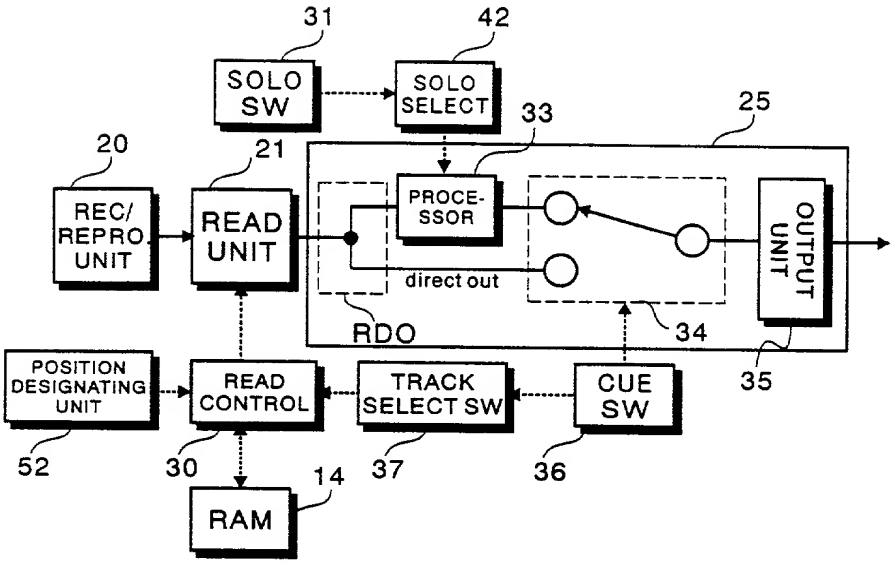
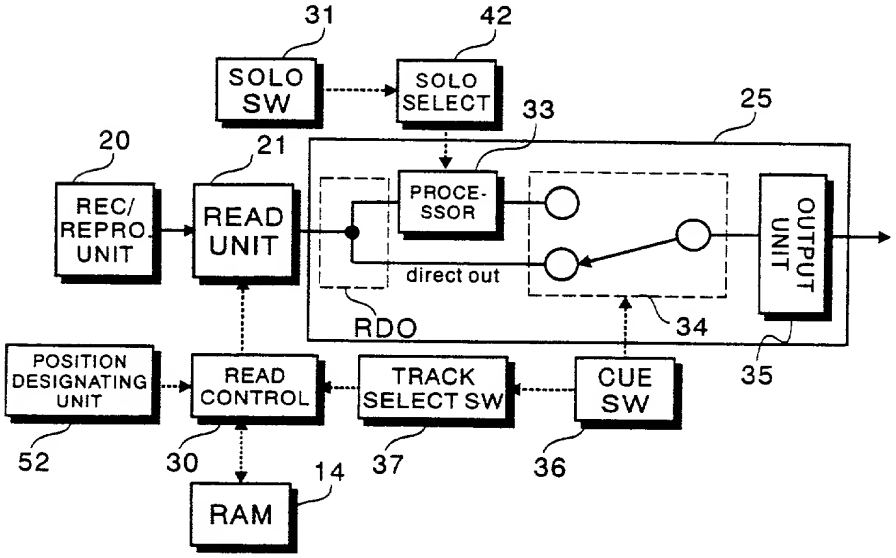

31
42
SOLO SW
SOLO SELECT
33
25
20
21
REC/ REPRO UNIT
READ UNIT
PROCE-SSOR
direct out
OUTPUT UNIT
RDO
34
35
POSITION DESIGNATING UNIT
READ CONTROL
TRACK SELECT SW
CUE SW
52
30
37
36
14
RAM

FIG. 5B


31
42
SOLO SW
SOLO SELECT
33
25
20
21
REC/ REPRO UNIT
READ UNIT
PROCE-SSOR
direct out
OUTPUT UNIT
RDO
34
35
POSITION DESIGNATING UNIT
READ CONTROL
TRACK SELECT SW
CUE SW
52
30
37
36
14
RAM

PAGE 33 OF 36 393032027100

FIG. 6

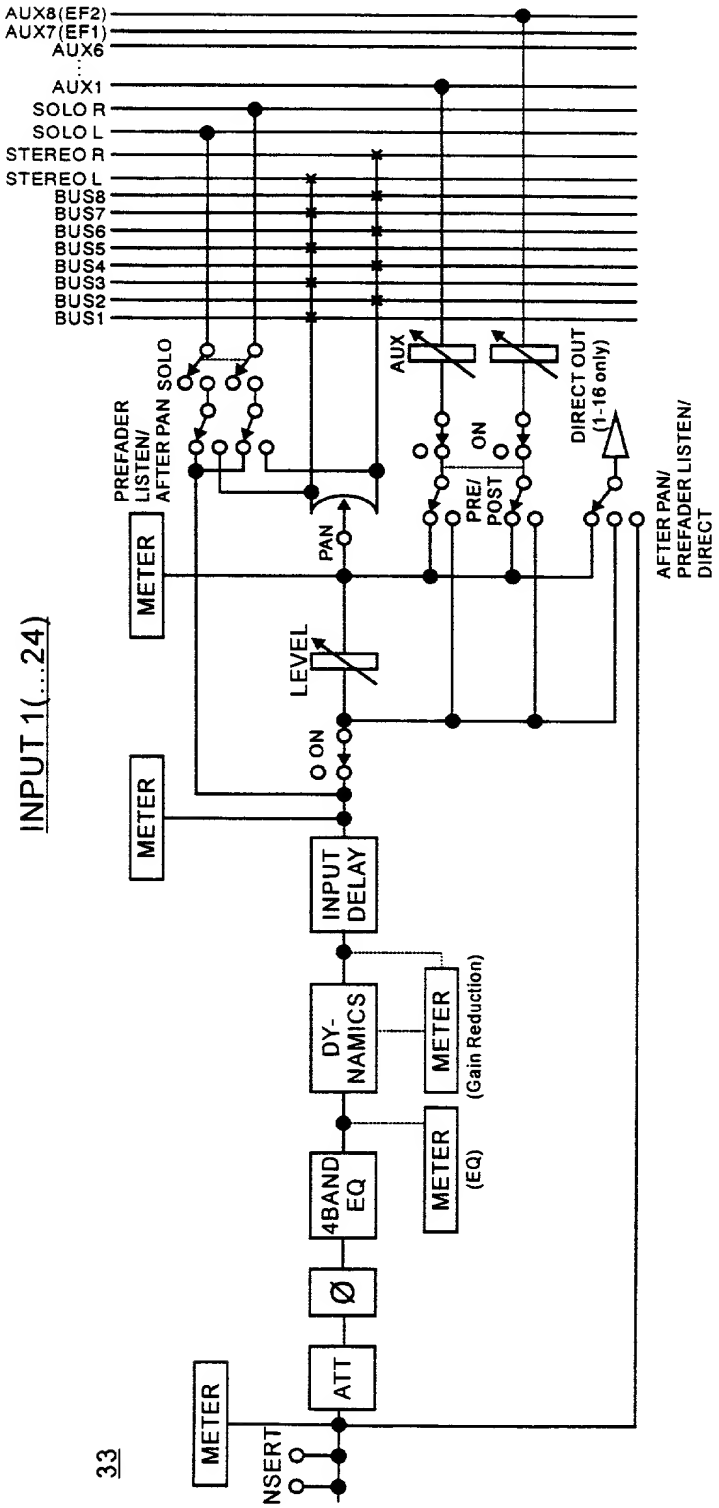
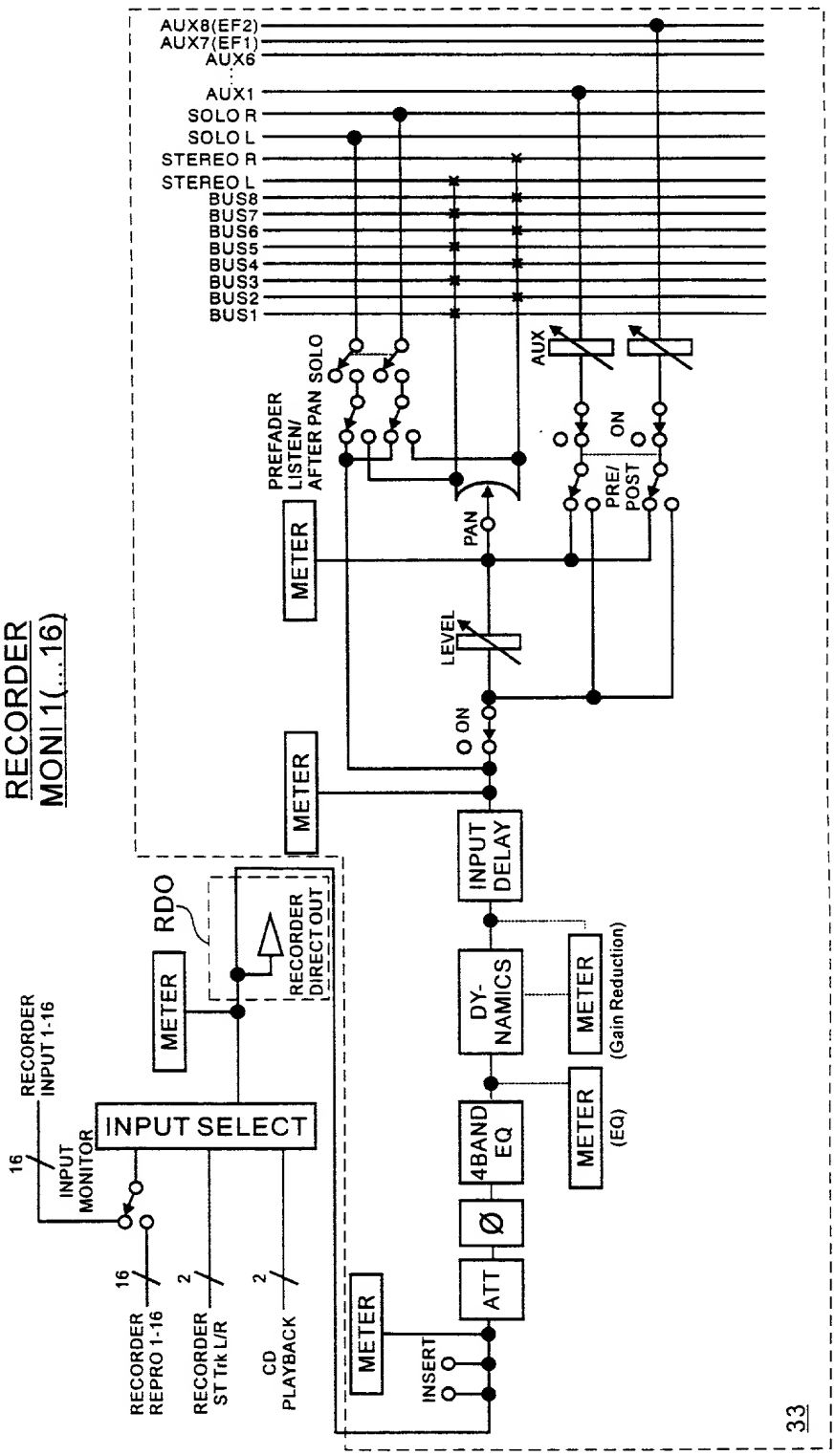


FIG. 7


RECORDER
MONI 1(...16)
AUX8(EF2)
AUX7(EF1)
AUX6
AUX1
SOLO R
SOLO L
STEREO R
STEREO L
BUS8
BUS7
BUS6
BUS5
BUS4
BUS3
BUS2
BUS1
PREFADER LISTEN/ AFTER PAN SOLO
METER
PAN
AUX
ON
PRE/ POST
LEVEL
ON
METER
INPUT DELAY
DY-NAMICS
METER
(Gain Reduction)
4BAND EQ
METER
(EQ)
Ø
ATT
INSERT
METER
RDO
RECORDER DIRECT OUT
METER
INPUT SELECT
16
INPUT MONITOR
RECORDER INPUT 1-16
16
RECORDER REPRO 1-16
2
RECORDER ST Trk L/R
2
CD PLAYBACK
33

Title: Mixing Apparatus With Recording/Reproducing
Inventor: Akito KOHNO
Application No.: Not yet assigned
Docket No.: 393032027100

FIG. 8

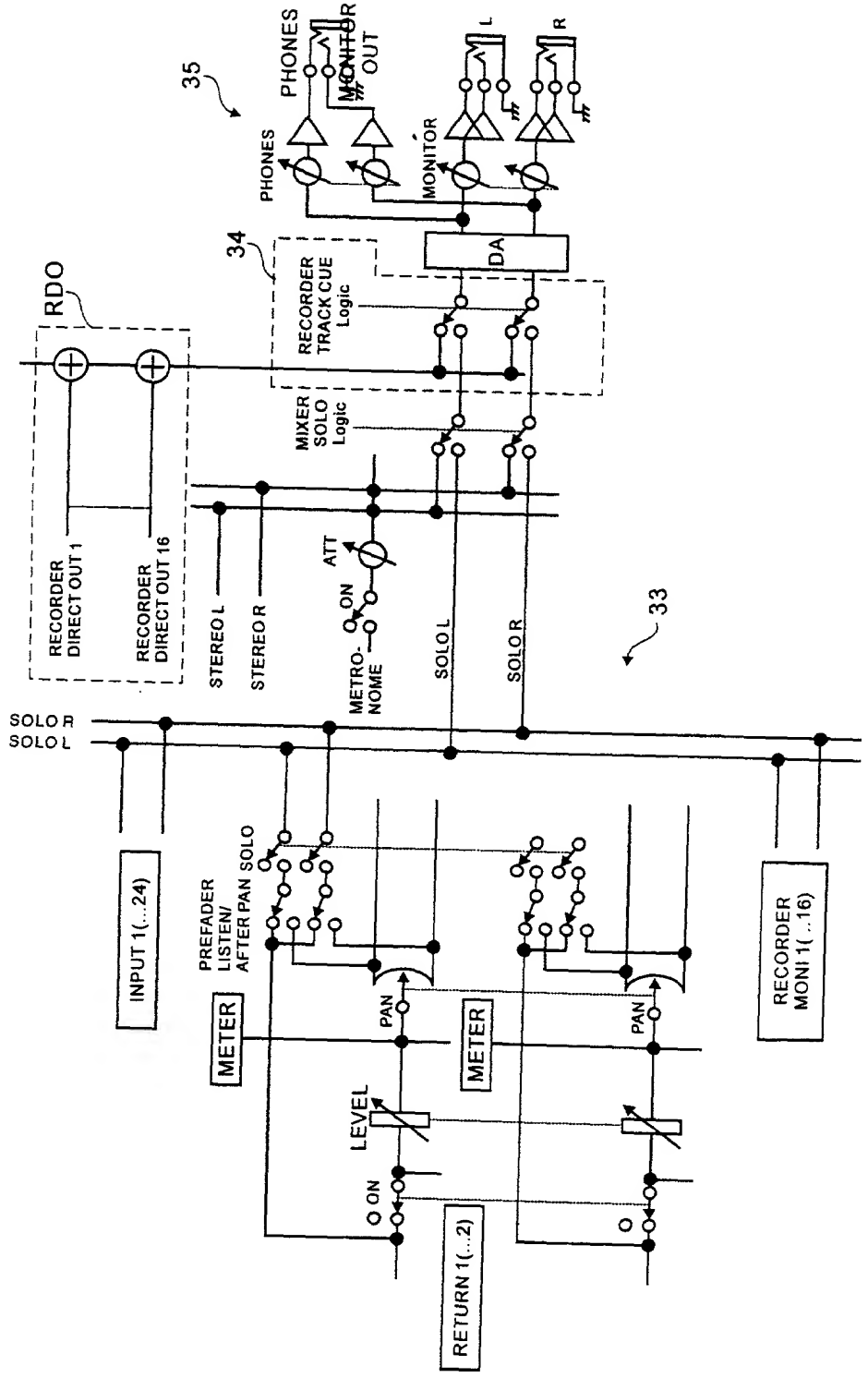


FIG. 9

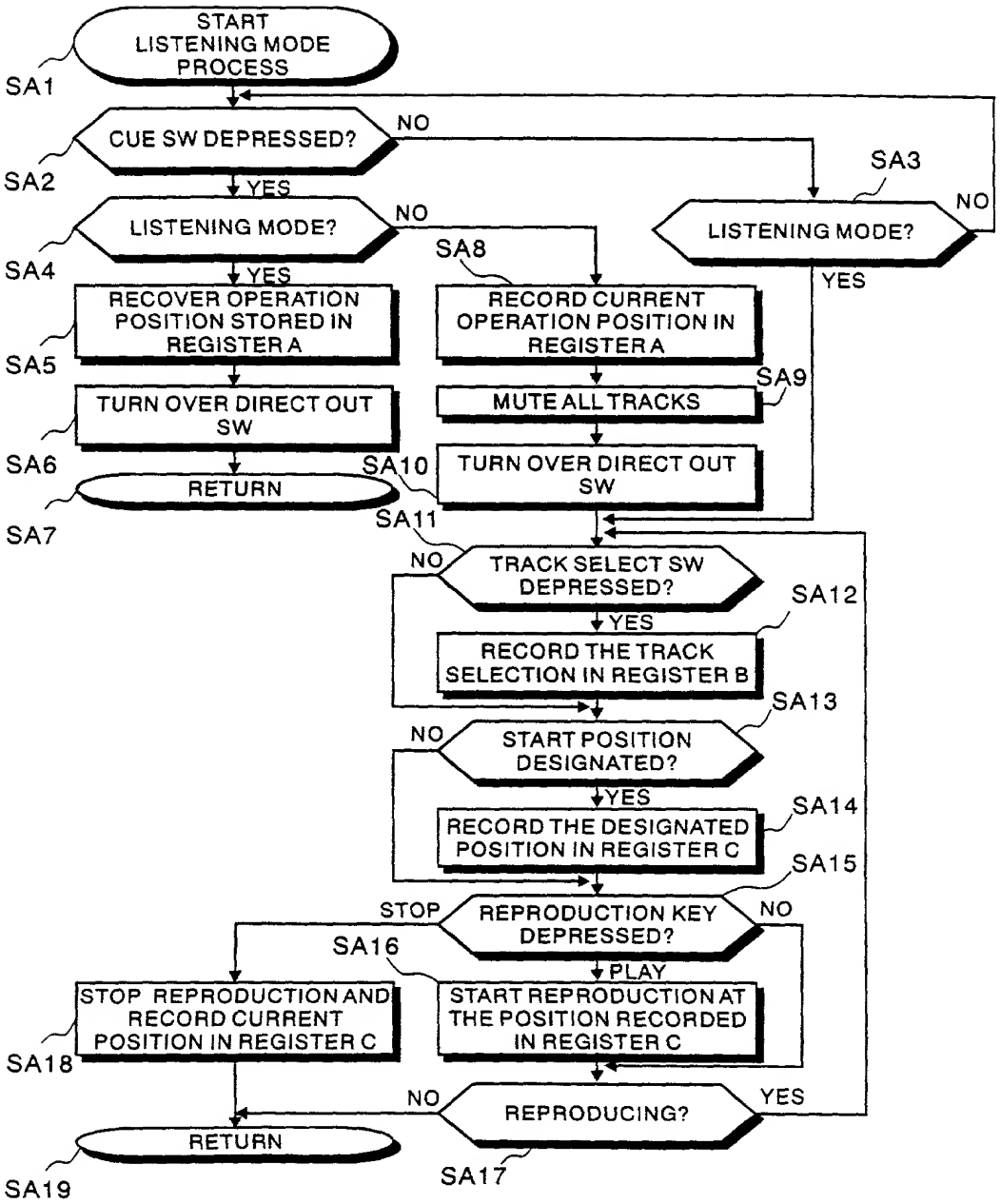
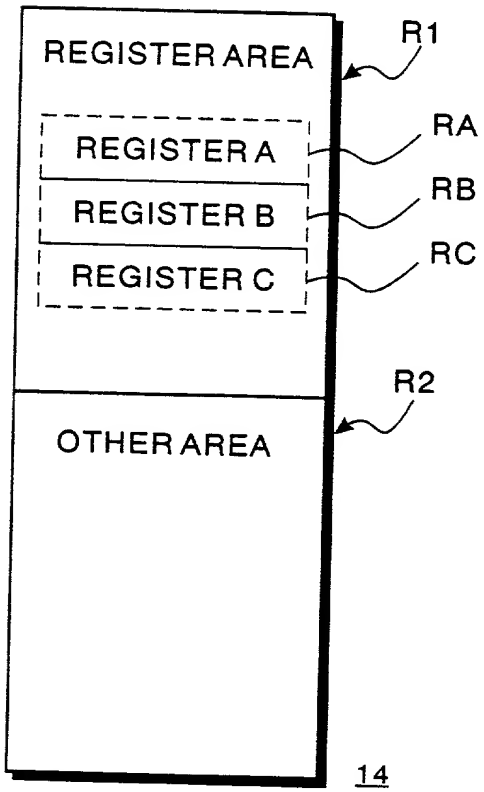

START LISTENING MODE PROCESS
SA1
CUE SW DEPRESSED?
NO
SA2
YES
SA3
LISTENING MODE?
NO
YES
LISTENING MODE?
NO
SA4
YES
SA8
RECOVER OPERATION POSITION STORED IN REGISTER A
RECORD CURRENT OPERATION POSITION IN REGISTER A
SA5
SA9
TURN OVER DIRECT OUT SW
MUTE ALL TRACKS
SA6
SA10
RETURN
TURN OVER DIRECT OUT SW
SA7
SA11
NO
TRACK SELECT SW DEPRESSED?
SA12
YES
RECORD THE TRACK SELECTION IN REGISTER B
SA13
NO
START POSITION DESIGNATED?
YES
SA14
RECORD THE DESIGNATED POSITION IN REGISTER C
SA15
STOP
REPRODUCTION KEY DEPRESSED?
NO
SA16
PLAY
STOP REPRODUCTION AND RECORD CURRENT POSITION IN REGISTER C
START REPRODUCTION AT THE POSITION RECORDED IN REGISTER C
SA18
NO
REPRODUCING?
YES
RETURN
SA19
SA17

FIG. 10


REGISTER AREA
R1
REGISTER A
RA
REGISTER B
RB
REGISTER C
RC
R2
OTHER AREA
14